Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<u> </u>	UTILITY
S PTO	PATENT APPLICATION TRANSMITTAL
_	

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	1406/184
First Inventor	Richard Gaggl
Title	TUNING CIRCUIT FOR A FILTER
Express Mail Label No.	ER530238185US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO:  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450								
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages 38] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 10]  5. Oath or Declaration [Total Sheets 3] a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney  11. English Translation Document (if applicable)  12. Information Disclosure Copies of IDS Statement (IDS)/PTO 1449 Citations  13. X Preliminary Amendment  14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  Other:								
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:									
Continuation  Divisional  Continuation-in-part (CIP)  of prior application No.:  Prior application information:  Examiner  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS									
X Customer Number: 25297	OR Correspondence address below								
Name									
Address									
City	State Zip Code								
Country	elephone Fax								
Name (Print/Type) Richard E. Jenkins	Registration No. (Attorney/Agent) 28,428								
Signature Na de a colo Gan N	Date 02/06/2004								

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Complete if Known

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE IKANSWIIIAI					<b>L</b> [	Application Number										
for EV 2004						Filing Date										
for FY 2004							First Named Inventor Rich					d Gaggl				
Effective 10/01/2003. Patent fees are subject to annual revision.							Examiner Name									
Applicant claims small entity status. See 37 CFR 1.27							Art Ur	nit								
TOTAL A	MOUNT (	OF F	PAYMEN	IT	(\$) 1,	058.00			ey Do	cket N	10. 1	406/1	84			
METHOD OF PAYMENT (check all that apply)										FE	E CALC	CULAT	TION (con	ntinued)		
Check Credit card Money Other None							3 A	DDITI	ΟΝΔΙ				(100			
Order Order								Entity								
Deposit	Account:					<del></del>	Fee Code	Fee	Fee Code	Fee		Fee I	Descriptio	ก	Foo Boid	
Account			50	)-046			1051	(\$) 130	2051	• •	Surchar	ge - late	filing fee or	oath	Fee Paid	
Number Deposit	7 1		11711	0.70	1	<u>, , , , , , , , , , , , , , , , , , , </u>	1052	50	2052			arge - late filing fee or oath arge - late provisional filing fee or				
Account Name	Jenk	ins	s, Wilso	on & I	ayıor,	r.A.	l				cover st	sheet				
The Director i							1053 1812	130 2,520	1053 1812			English specification ing a request for ex parte reexamination				
X Charge fee	e(s) indicat	ed b	elow	X Cred	fit any ov	erpayments	1804	920*	1804			sesting publication of SIR prior to				
Charge an	y additiona	ıl fee	(s) or any	underpay	ment of	fee(s)	1004	320	1004	320		er action		ry prior to	<u> </u>	
Charge feet to the above-io					e filing f	ee	1805	1,840*	1805	1,840*		ing publer action	ication of SI	R after		
to the above-it			CALCUI		1	· · · · ·	1251	110	2251	55	Extension	n for rep	ply within firs	st month		
4 BASICE			ALCUI	LATION			1252	420	2252	210	Extension	n for rep				
1. BASIC F Large Entity							1253	950	2253	475	Extension	n for rep	ply within thi	rd month		
Fee Fee	Fee Fee		Fee Des	cription		Fee Paid	1254	1,480	2254	740	Extension	n for rep	ply within fou	urth month		
Code (\$) 1001 770	Code (\$) 2001 38	5	Litility	filing fee			1255	2,010	2255	1,005	Extension	n for rep	ply within fift	h month		
1001 770	2001 30			n filing fee	,	770.00	1401	330	2401	165	Notice o	f Appea	1			
1002 540	2002 17		_	iling fee			1402	330	2402			• •	pport of an a	ppeal		
1003 330	2004 38			ue filing fe	ا م	-	1403	290	2403		Reques			•		
1005 160	2005 8			ional filing			1451	1,510	1451	1,510	Petition	to institu	ıte a public u	use proceeding		
1000 100	2000					770.00	1452	110	2452			on to revive - unavoidable				
			SUBTO	AL (1)[(	(4)	770.00	1453	1,330	2453	665	Petition	to revive	e - unintentio	nal		
2. EXTRA	CLAIM I	FEE	S FOR					1,330	2501				(or reissue)			
			Ext <u>ra C</u>		Fee fron below	Fee Paid	1502	480	2502		-	in issue fee				
Total Claims 36 -20** = 16 x 18 = 288							1503	640	2503	320	Plant iss	sue fee				
Independent Claims	_2	- 3	3** = <u>0</u>	! × L_		<u> </u>	1460	130	1460	130	Petitions	ons to the Commissioner				
Multiple Depe	endent			L		=	1807	50	1807	50	Process	ing fee ι	under 37 CF	R 1.17(q)		
Large Entity							1806	180	1806	180	Submiss	sion of Ir	nformation D	isclosure Stmt		
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)					8021	40	8021	40	Recordi	ng each	patent assig	nment per				
1202 18	2202		9 Claim	s in exce	ss of 20		1809	770	2809		property	•	number of pi ion after fina			
1201 86	2201		•			xcess of 3	,,,,,,		2000		(37 ČFF	R 1.129(a	3))	-		
1203 290	2203					n, if not paid	1810	770	2810	385			nal invention FR 1.129(b)			
1204 86 2204 43 ** Reissue independent claims over original patent				1801	770	2801	385	Reques	est for Continued Examination (RCE)							
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent						1802	900	1802	900		est for expedited examination lesign application					
							Other	fee (sp	ecify)_							
SUBTOTAL (2) (\$) 288.00										Filing F	ee Paid	S	SUBTOTAL	_ (3) (\$)		
SUBMITTED BY (Complete (if applicable)																
						1	Registration No. (Attorney/Agent) 28,428 Telephone 001-919-49:					2 2000				
Name (Print/Type) Richard E. Jenkins						Aftomey		28	,420							
Signature	l		( )	こんの		ユーリ	مرھ	ノばく	$\sim$	<b>`</b>			Date	February 6	), ZUU4 .	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## JENKINS WILSON &TAYLOR

patent attorneys

February 6, 2004

RICHARD E. JENKINS

JEFFREY L. WILSON

ARLES A. TAYLOR, JR.

**GREGORY A. HUNT** 

E. ERIC MILLS

**BENTLEY J. OLIVE** 

MICHAEL J. CROWLEY

\*CHRIS PERKINS, PH.D.

"JAMES DALY IV, PH.D.

IEFFREY CHILDERS, PH.D.

OF COUNSEL SOROJINI BISWAS

> LICENSED ONLY IN CA "LICENSED ONLY IN KY

Mail Stop Patent Application Commissioner for Patents

Our File No. 1406/184

P.O. Box 1450

Re:

Sir:

Arlington, VA 22313-1450

"Express Mail" mailing number ER530238185US

Date of Deposit \_ February 6, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Arlington, VA 22313-1450 Stacie H. Boswell

H. Boswell

Please find enclosed the following:

- A U.S. patent application for TUNING CIRCUIT FOR A FILTER (38 pages); 1.
- 2. Ten (10) sheets of drawings;
- 3. An unexecuted Declaration (3 pages);
- 4. Preliminary Amendment (11 pages);
- 5. Utility Patent Application Transmittal (Form PTO/SB/05; 1 page);
- 6. Fee Transmittal (Form PTO/SB/17; 1 page) in duplicate;

U.S. Patent Application for TUNING CIRCUIT FOR A FILTER

- A return-receipt postcard to be returned to our offices with the U.S. Patent 7. and Trademark date stamp thereon; and
- 8. A Certificate of Express Mail No.: ER530238185US.

Please contact our offices if there are any questions with respect to this matter.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Richard E. Jenkins

Registration No.: 28,428

PATENT TRADEMARK OFFICE

REJ/shb

**Enclosures** 

fax 919.419.0383

tel 919.493.8000 | Jenkins, Wilson & Taylor, P.A. JenkinsWilsonTaylor.com

University Tower, Suite 1400 | 3100 Tower Boulevard | Durham, North Carolina 27707